



FRONT ELEVATION
SCALE: 1/4" = 1'-0"



REAR ELEVATION
SCALE: 1/4" = 1'-0"

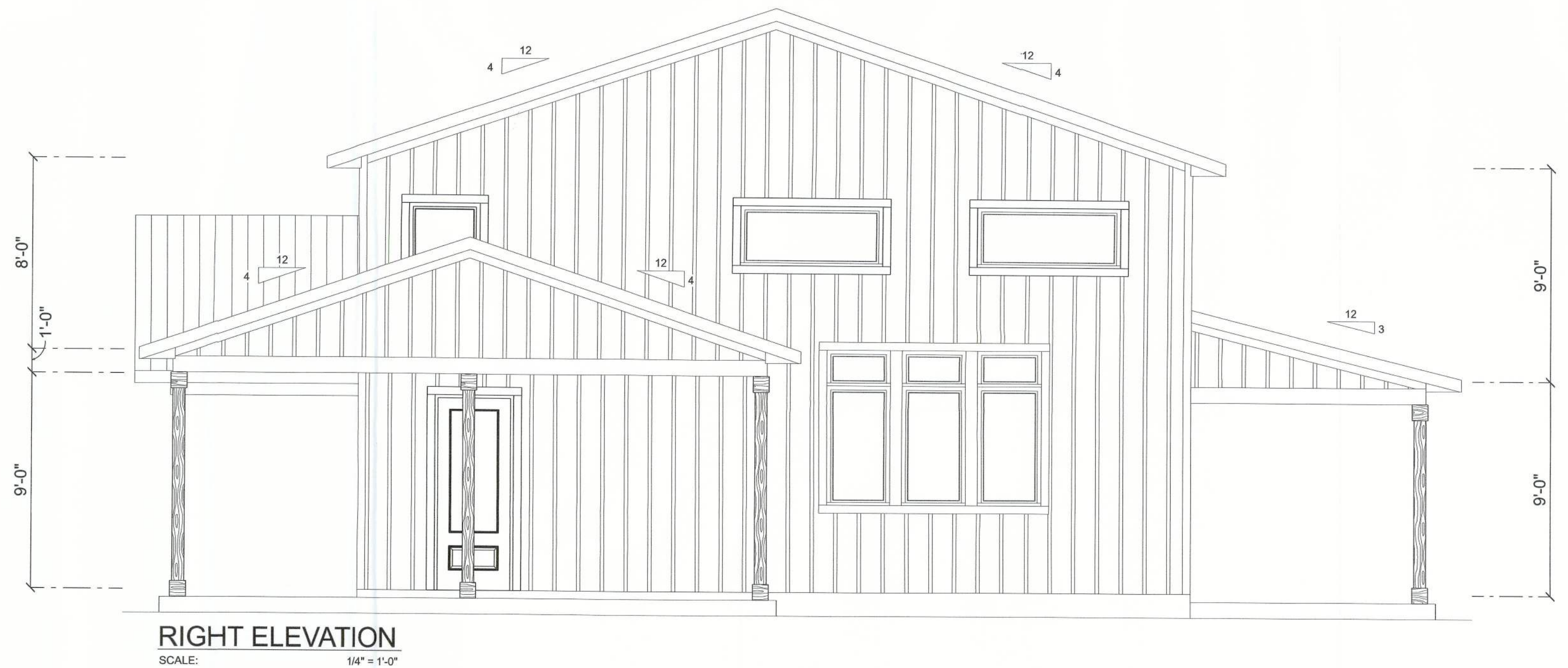
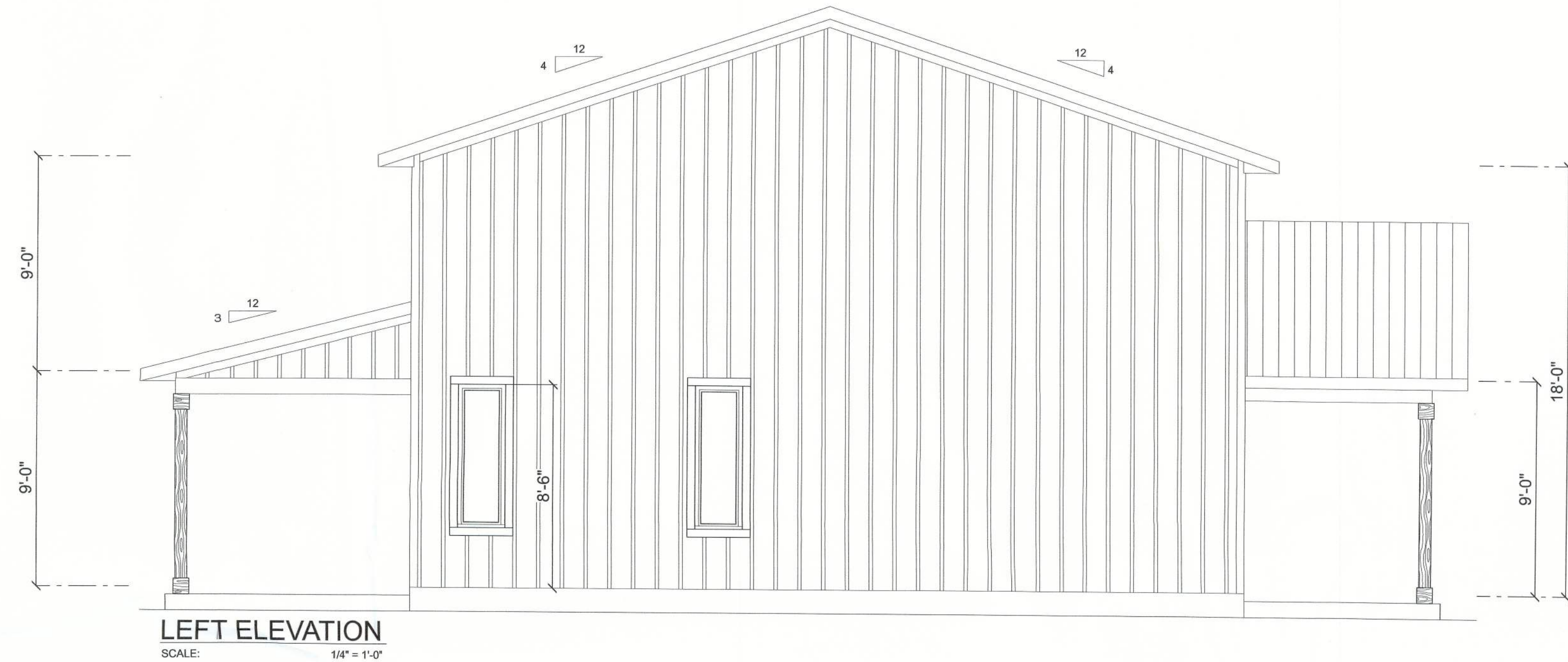


**RIDGEPOINT
DESIGN**
566 SW ARLINGTON BLVD, STE. 101, LAKE CITY, FL 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

CUSTOM HOME FOR:
DARBY RESIDENCE
COLUMBIA COUNTY, FLORIDA

REVISIONS SCHEDULE	
PROPOSAL	Dec. 23rd, 2021
REVISIONS	Aug 10th, 2022

SHEET NUMBER
A.1
OF 8 SHEETS

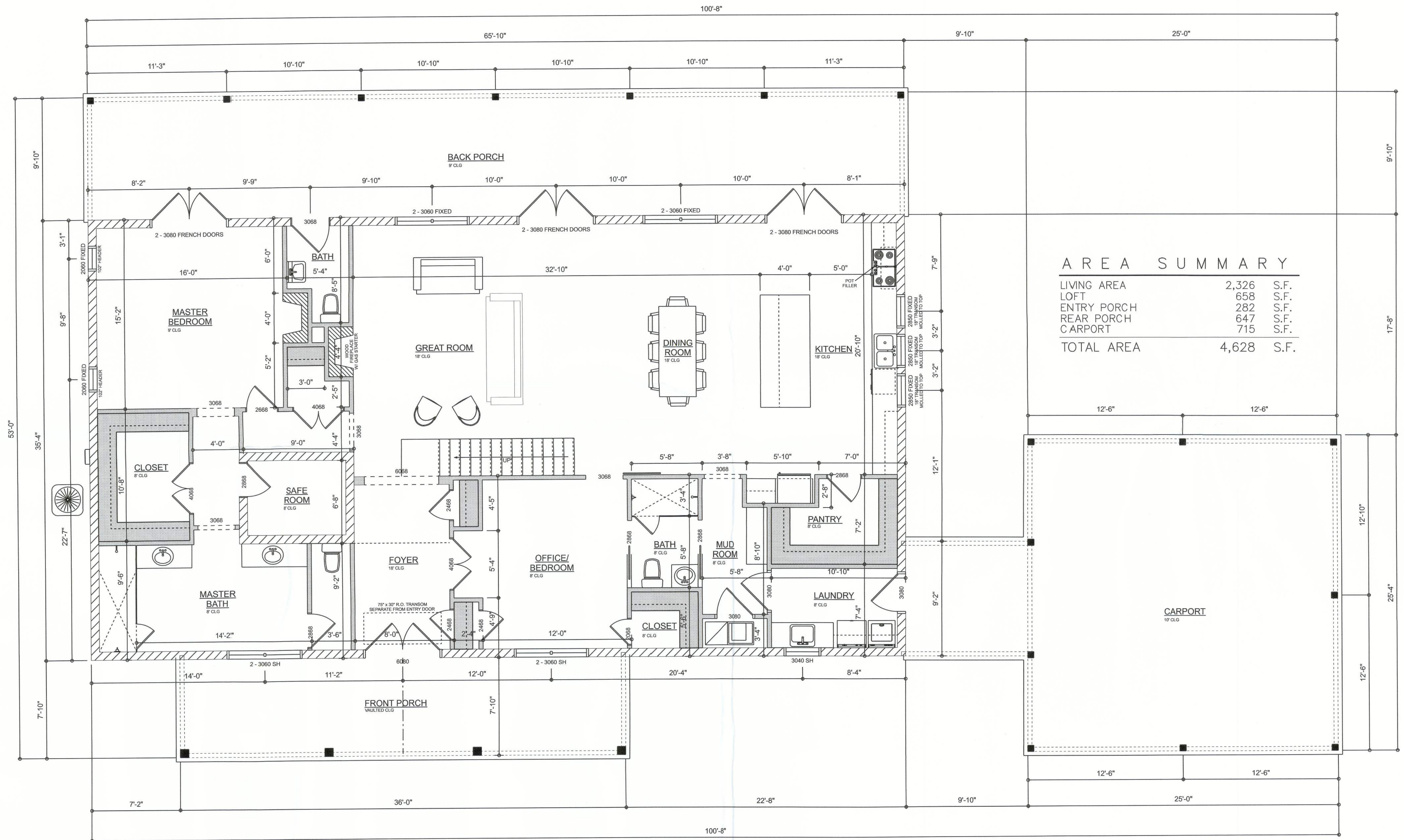


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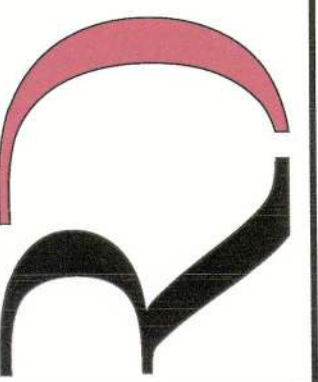
SHEET NUMBER
A.2
OF 8 SHEETS



DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
PROPOSAL	Dec. 23rd, 2021
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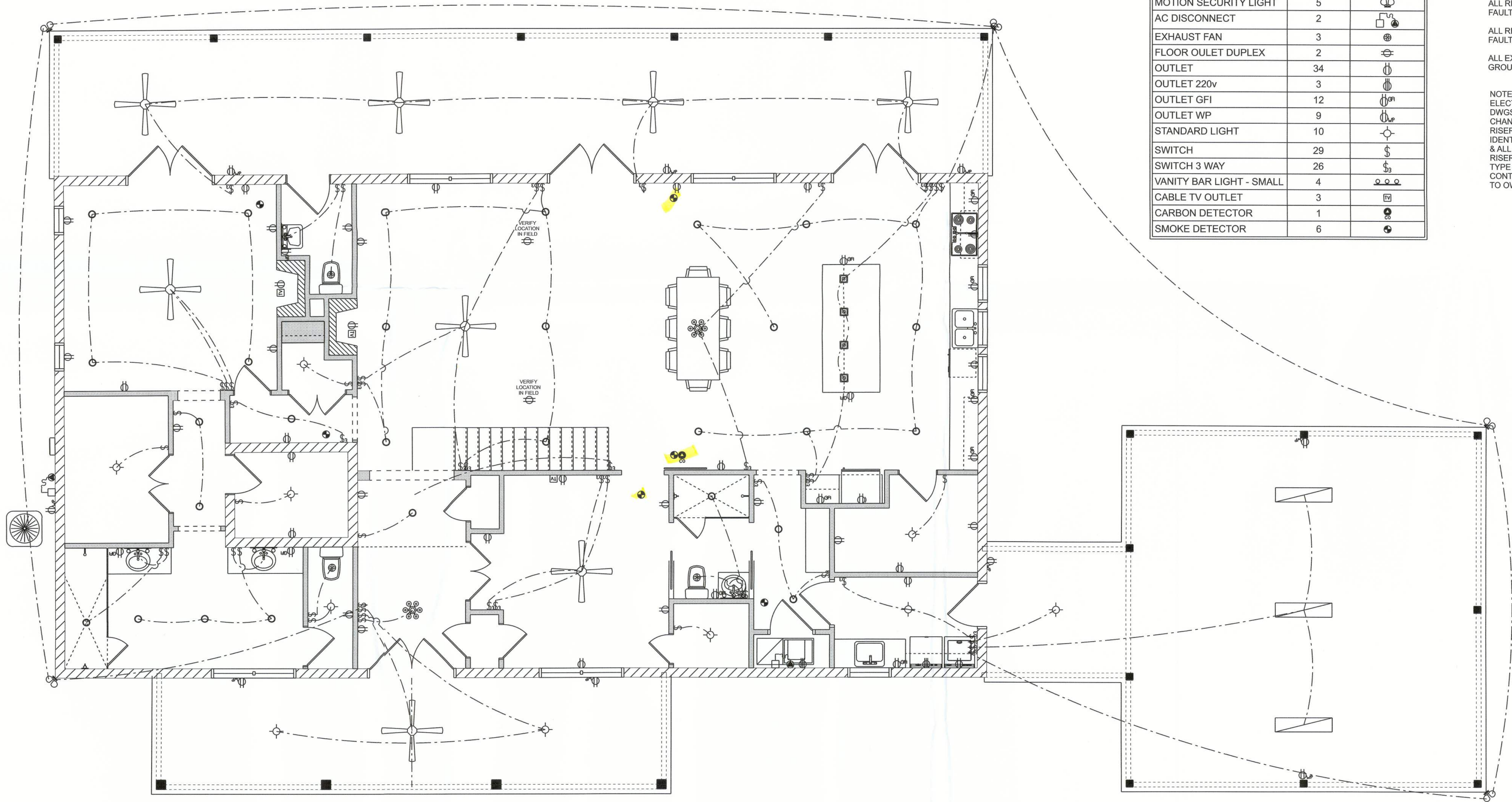
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SHEET NUMBER

A.3

OF 8 SHEETS



ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	8	
CAN LIGHT 6inch	29	
CHANDELIER	2	
LED CEILING LIGHT 1x4	3	
PENDANT LIGHT	4	
MOTION SECURITY LIGHT	5	
AC DISCONNECT	2	
EXHAUST FAN	3	
FLOOR OULET DUPLEX	2	
OUTLET	34	
OUTLET 220v	3	
OUTLET GFI	12	
OUTLET WP	9	
STANDARD LIGHT	10	
SWITCH	29	
SWITCH 3 WAY	26	
VANITY BAR LIGHT - SMALL	4	
CABLE TV OUTLET	3	
CARBON DETECTOR	1	
SMOKE DETECTOR	6	

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L ELECTRIC CODE.
WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS
CONSULT WITH THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 120v W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

ALL RECEPTICALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI)

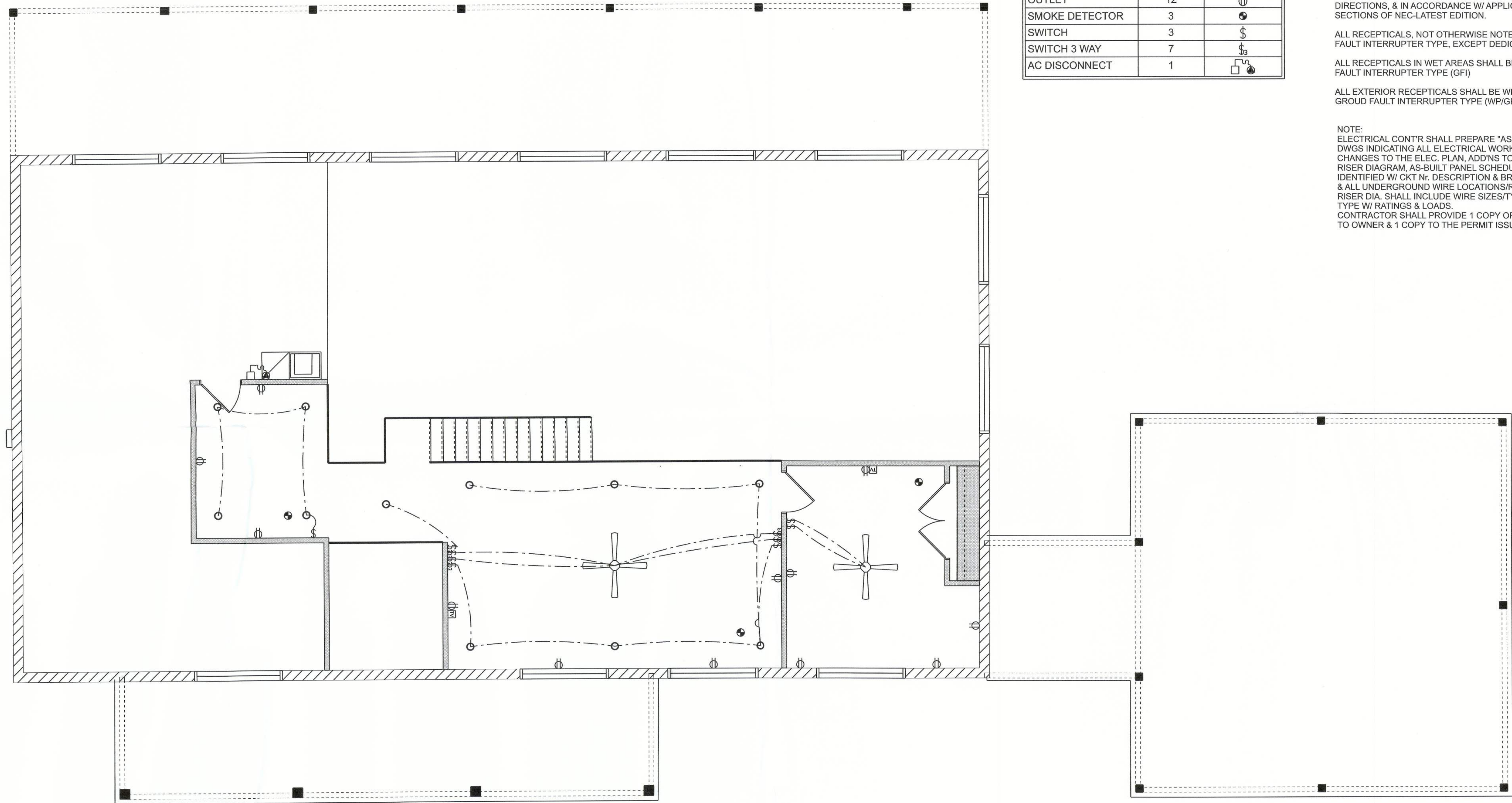
ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WP/GFI)

NOTE:
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°. DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH, RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY

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CUSTOM HOME FOR:
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COLUMBIA COUNTY, FLORIDA

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ELECTRICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	2	
CAN LIGHT 6inch	11	
COAX OUTLET	2	
OUTLET	12	
SMOKE DETECTOR	3	
SWITCH	3	
SWITCH 3 WAY	7	
AC DISCONNECT	1	

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 120v W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTALS, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

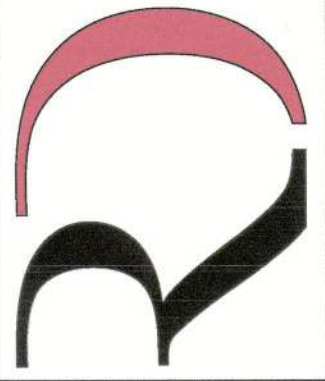
ALL RECEPTALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WP/GFI)

NOTE:
ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr. DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY

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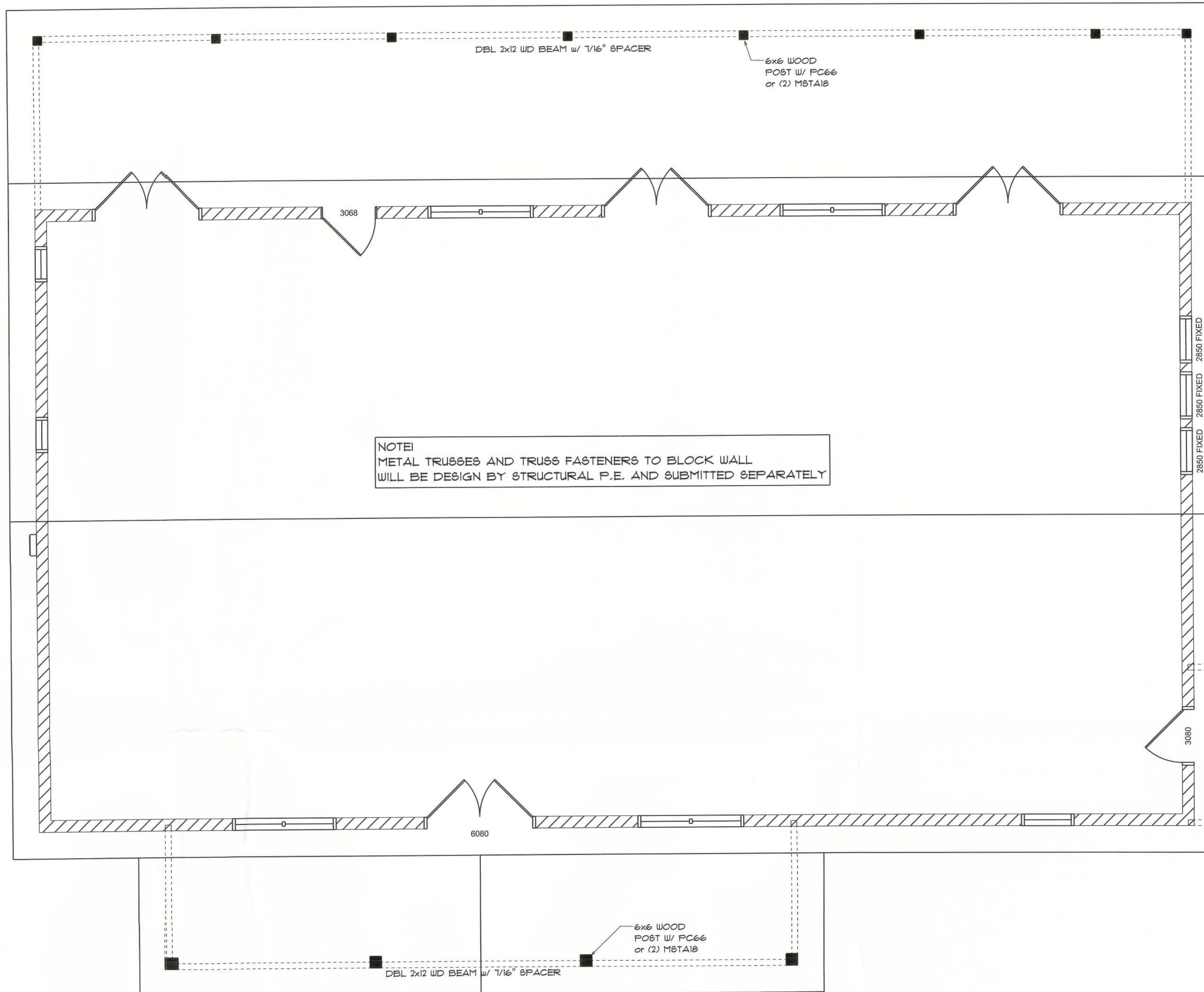
SHEET NUMBER
A.6
OF 8 SHEETS

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANG 18" (12" on gables) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD-3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE:
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD-4

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 16-09 AND LOCAL JURISDICTION REQUIREMENTS

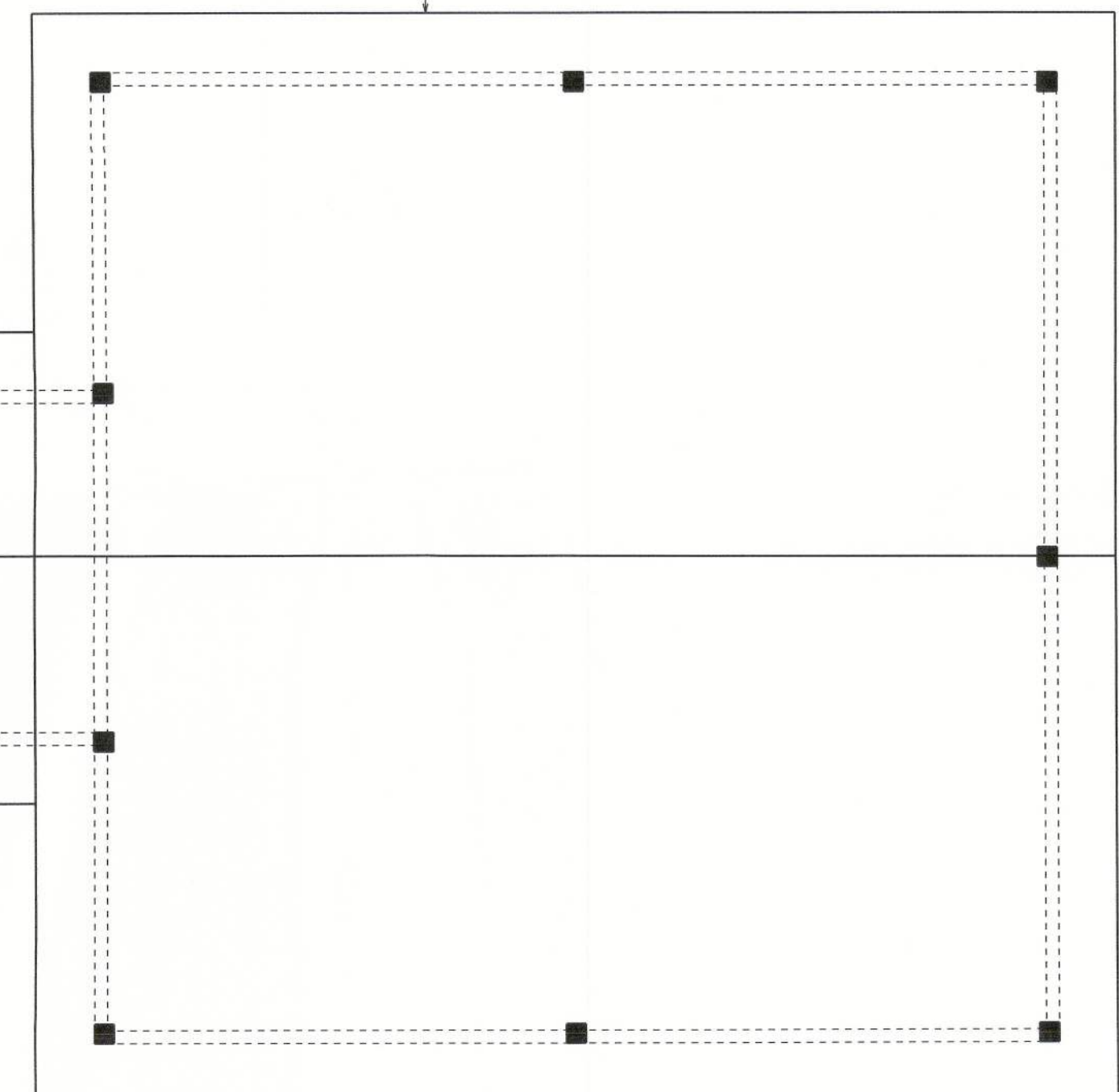


NOTE:
METAL TRUSSES AND TRUSS FASTENERS TO BLOCK WALL WILL BE DESIGN BY STRUCTURAL P.E. AND SUBMITTED SEPARATELY

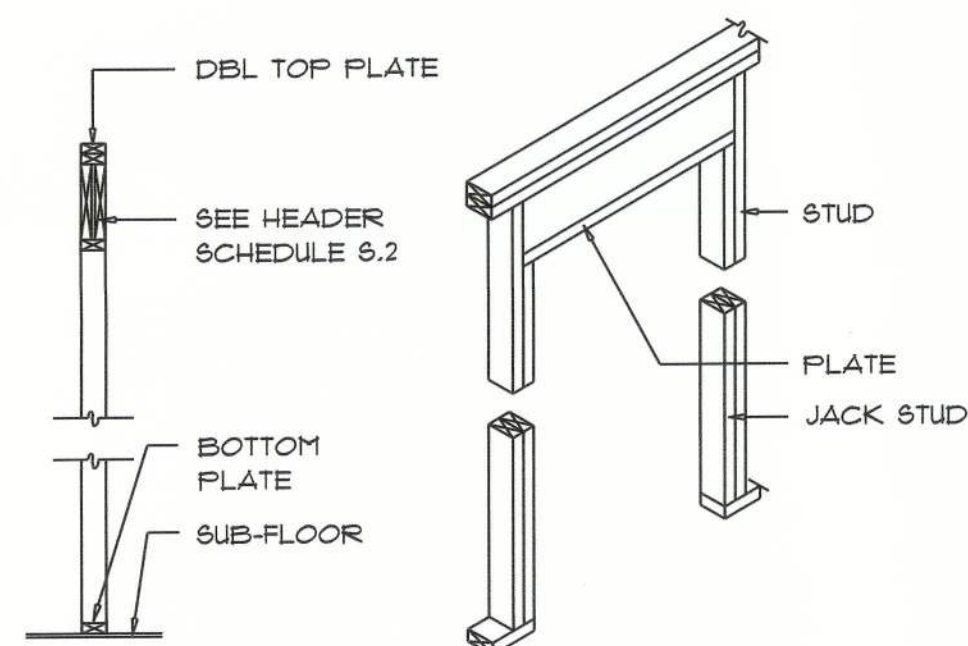
WOOD STRUCTURAL NOTES

- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N.2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

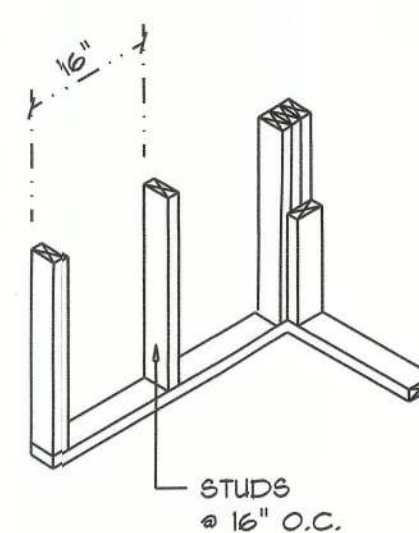
2x6 SUB-FASCIA, TYPICAL @ ALL TRUSS EAVES & GABLE ENDS



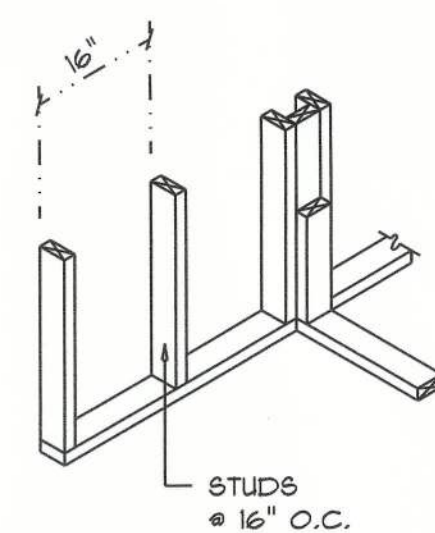
ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"



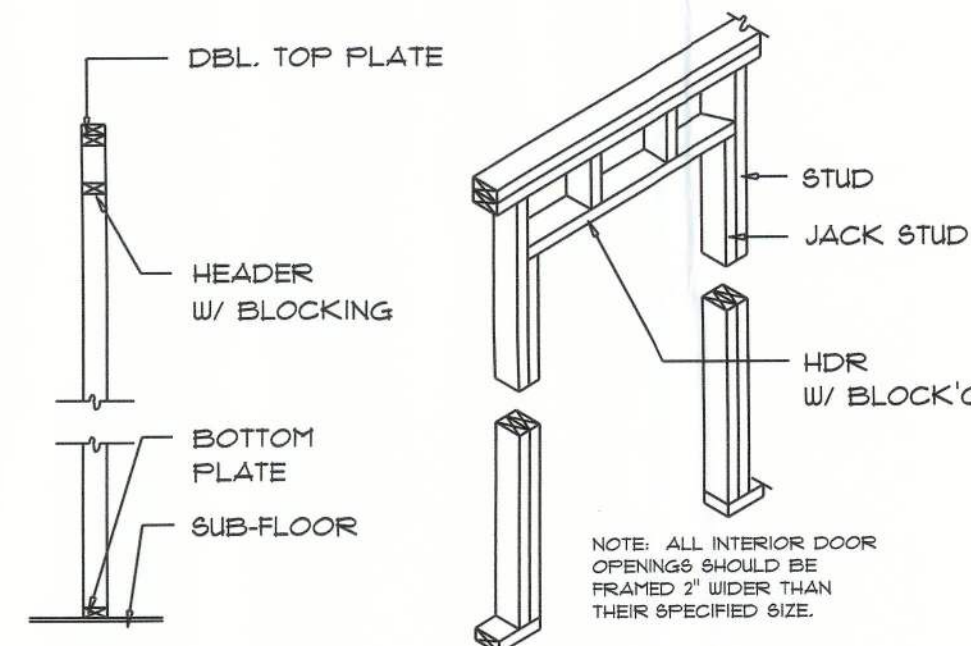
BEARING WALL HEADER



WALL CORNER



WALL INTERSECTION



NON-BEARING WALL HEADER

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0178	26 (ZINC COATED G30)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE

A

REVISIONS
Aug 10th, 2022

CUSTOM HOME FOR:
DARBY RESIDENCE
COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1759 NW Brown Rd.,
Lake City, FL 32056

SHEET NUMBER
S.2
OF 4 SHEETS

AR0007005

General Roofing NOTES:

DECK REQUIREMENTS:
METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX PLYWOOD.

SLOPE:
METAL PANELS SHALL BE USED ONLY ON ROOF SLOPES OF 3:12 OR GREATER TO INSURE PROPER DRAINAGE.

CAULKING:
MUST BE APPROVED BY THE MANUFACTURER, BUTYL SEALANT SUPPLIED IN TAPE OR GUN-GRADE FORM.

METAL PANEL:
METAL PANELS SHALL BE
MIN. 26 GAUGE AND COMPLY WITH ASTM A-792 AND D 17-98
EXPOSURE C AS ADOPTED IN SOUTH FLORIDA.

FASTENERS:
FASTENERS FOR METAL PANELS SHALL BE GALVANIZED
WOOD FAST SCREW, MINIMUM OF #9 X 1 1/2" HEX HEAD.

ATTACHMENT:
METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 24" O.C. WHERE ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF METAL PANELS SHALL CONFORM WITH ASTM E 330 OR FA 125.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS.

1. RC-1 - RIDGE CAP
2. ED-1 - EAVE DRIP
3. EF-3 - EAVE FLASHING
4. SW-1 - SIDEWALL FLASHING
5. EW-1 - ENDWALL FLASHING
6. GR-4 - GABLE END OR RAKE BOARD FLASHING
7. TF-1 - TRANSITION FLASHING
8. PV-2 - PREFORMED VALLEY FLASHING
9. BUTYL TAPE
10. SEALANT TAPE
11. PIPEBOOT

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 3:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

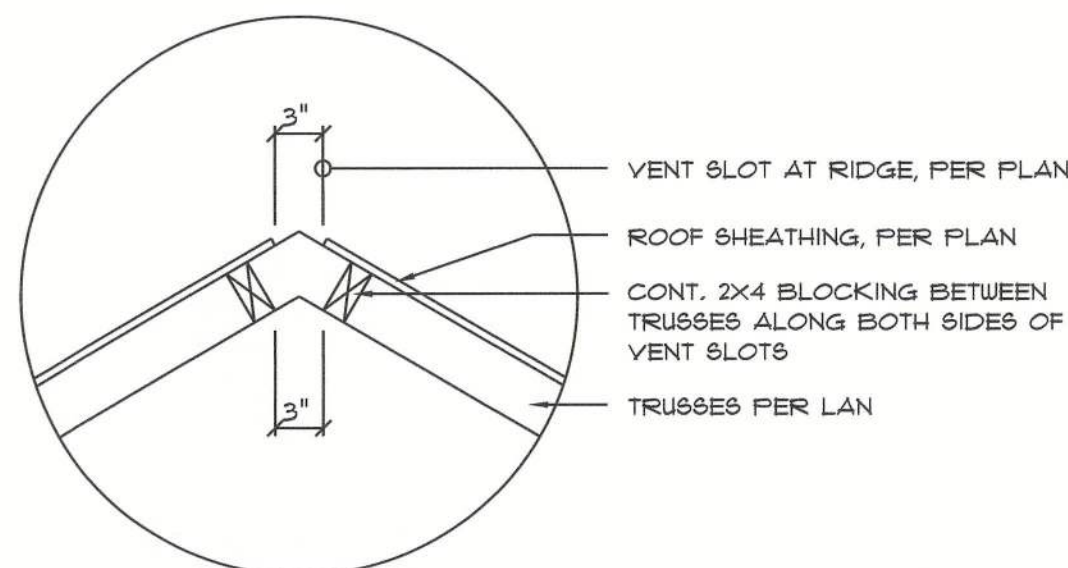
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

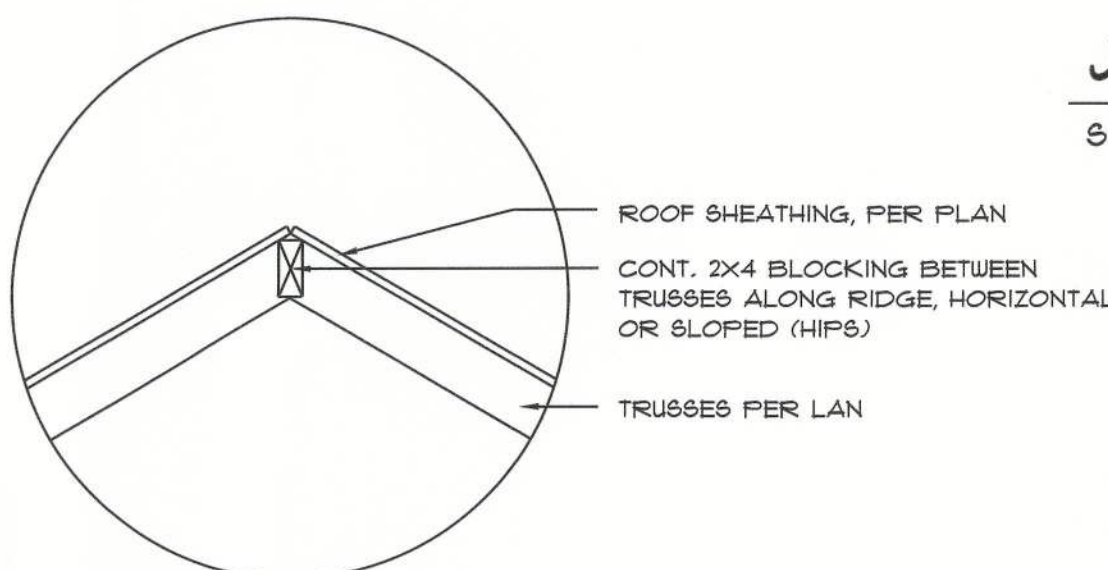
VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

1. OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1503.3.2.
2. OPEN VALLEYS: VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 19 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1910.



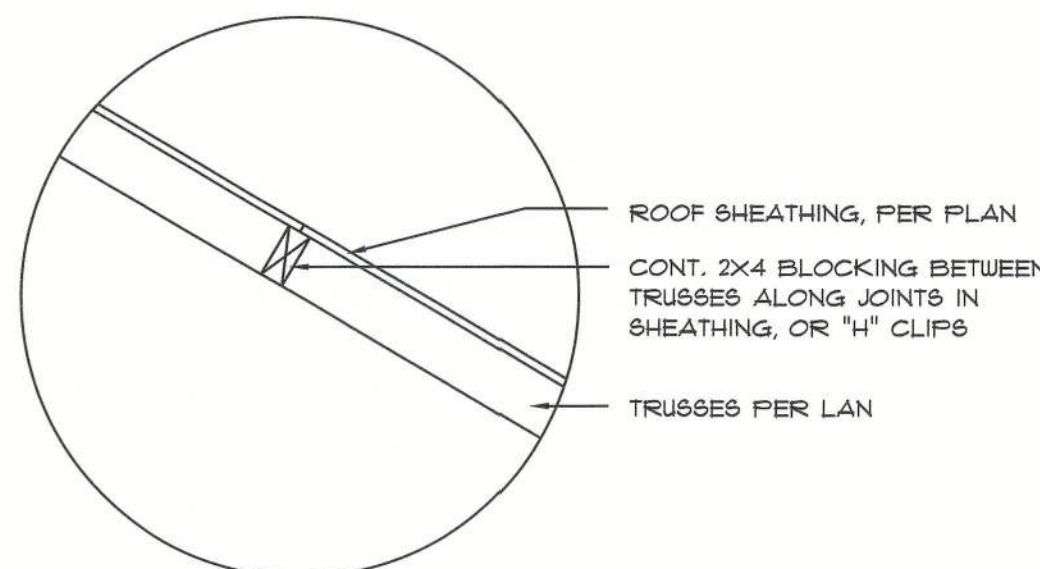
Vent DETAIL

SCALE: NONE



Ridge DETAIL

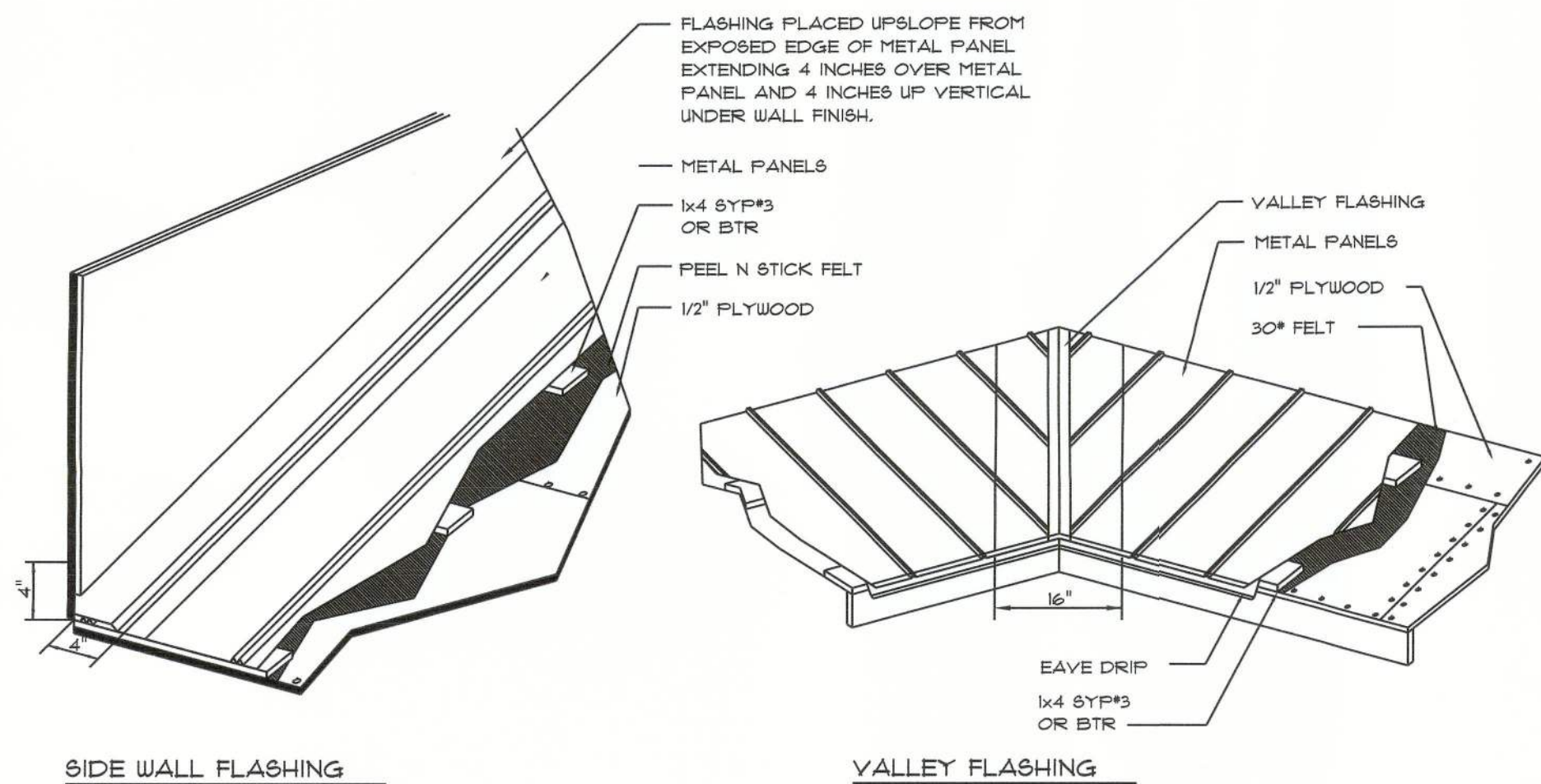
SCALE: NONE



Joint DETAIL

SCALE: NONE

5M-RIB METAL ROOFING PANELS ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES									
MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/ 35' MEAN ROOF HEIGHT, MIN. 3/12 PITCH BASED ON ASCE 7-98, EXPOSURE 'C'									
ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO	100 - 110		120 - 130		140 - 150	
				O/C SPACING	TRIM	O/C SPACING	TRIM	O/C SPACING	TRIM
1	WD. SCREW	#9 X 1 1/2"	WOOD	36"	18"	24"	12"	24"	12"
	MTL. SCR.	#12 X 1" #14 X 7/8"	< 18 GA > 18 GA	36"	18"	24"	12"	24"	12"
2 & 3	WD. SCREW	#9 X 1 1/2"	WOOD	36"	18"	24"	12"	24"	8"
	MTL. SCR.	#12 X 1" #14 X 7/8"	< 18 GA > 18 GA	36"	18"	24"	12"	24"	8"



SIDE WALL FLASHING

VALLEY FLASHING

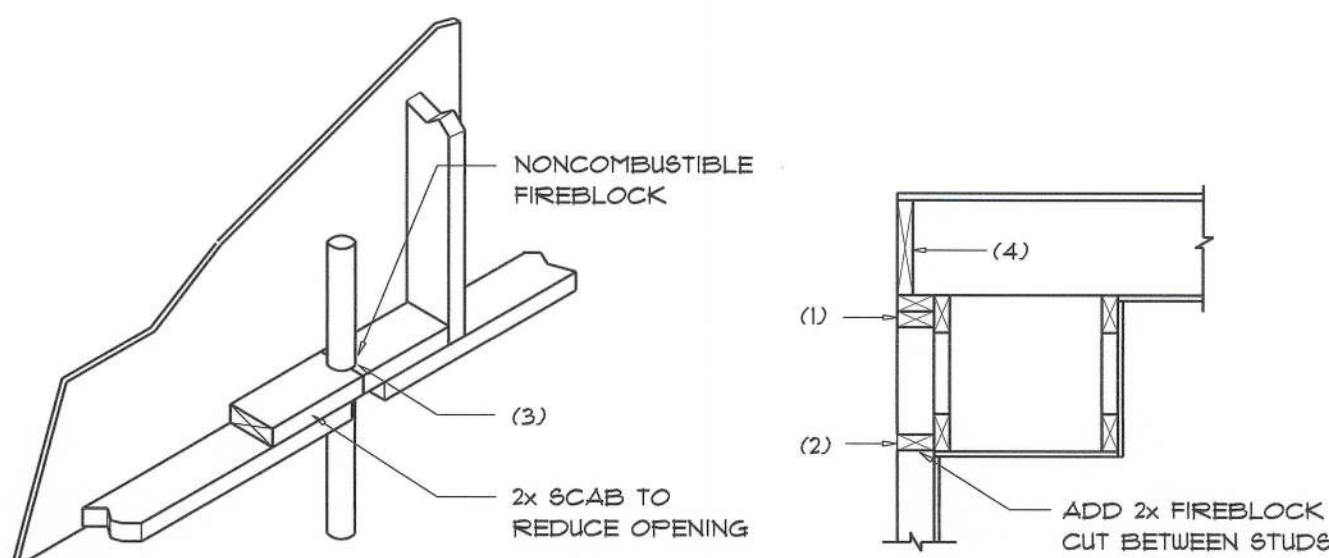
METAL ROOFING DET.

SCALE: NONE

BUILDING COMPONENTS & CLADDING LOADS **MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"** **ROOF ANGLE T TO 2T**

WIND ZONE	AREA	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH	Vult 150 MPH
ROOF T TO 2T					
1	10	12.0 / -19.9	14.9 / -23.1	17.5 / -27.8	20.3 / -32.3
2	20	11.4 / -19.4	15.6 / -23.0	18.0 / -27.0	19.5 / -31.4
1	50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
2	10	12.5 / -34.1	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2
2	20	11.4 / -31.9	15.6 / -38.0	18.0 / -44.6	19.5 / -51.1
2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.1
3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1
3	20	11.4 / -47.9	15.6 / -57.1	18.0 / -67.0	19.5 / -77.1
3	50	10.0 / -43.9	11.9 / -51.9	13.9 / -60.9	16.1 / -70.9
WALL					
5	10	21.8 / -29.1	25.9 / -34.1	30.4 / -40.7	35.3 / -47.2
5	20	20.8 / -27.2	24.1 / -32.4	28.0 / -38.0	33.1 / -44.0
5	50	19.9 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE 'B'	EXPOSURE 'C'	EXPOSURE 'D'
15	1.00	1.21	1.41
20	1.00	1.29	1.59
25	1.00	1.35	1.61
30	1.00	1.40	1.66



PENETRATIONS

SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

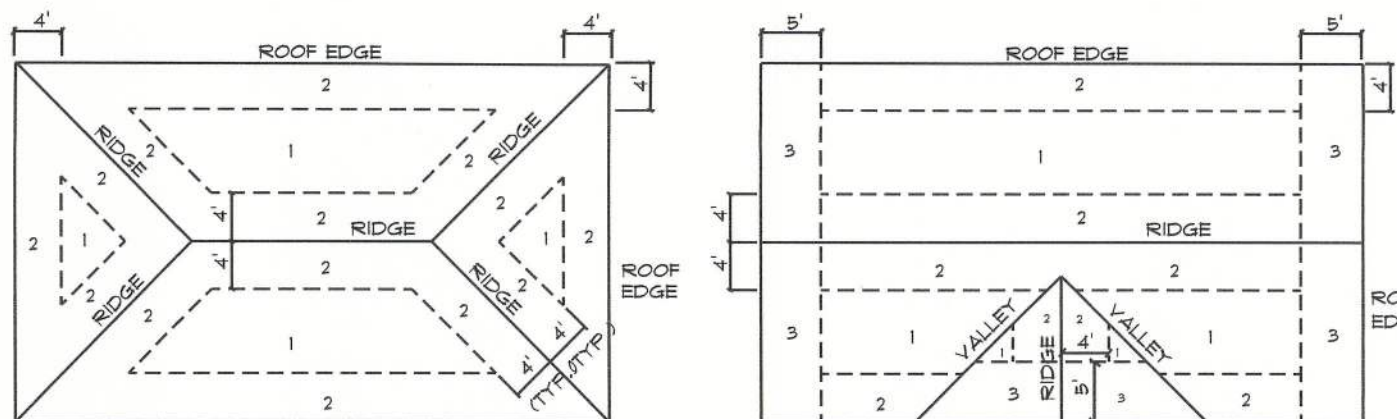
FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING RURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROFANEL MULTIFLEX SEALANT"
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/8" O.S.B. OR 15/32 CDX	113 RING SHANKED NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. # GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES
(HIP ROOF)

ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Hip Construction, Wood Trusses @ 24" O.C.
Walls: 8" CMU Block
Floor: 4" Thk. Concrete Slab w/ Fiberglass Concrete Additive
Foundation: Continuous Footer/Stem Wall

ROOF DECKING

Material: 1/2" CDX Plywood on 7/16" O.S.B.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: Ring Shank Nails per schedule on sheet 5.3

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON METAL 16 / H2.5a @ Ea. Truss End (Typ. U.O.N.)
Porch Column Base Connector: Simpson AEBU8/ABU66 @ each column
Porch Column to Beam Connector: Simpson FC38/M5TA24 @ each column

FOOTINGS AND FOUNDATIONS

Footings: 20"x10" Cont. W/2#5 Bars Cont.
Stemwall: 8" C.M.U. W/1#5 Vertical Dowel @ 36" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE: 'B'

BASED ON ANSI/ASCE 7-16, 2020 FBC 1609-A WIND VELOCITY: $V_{ULT} = 130$ MPH
 $V_{50} = 101$ MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS: 40 PSF
RESIDENTIAL 60 PSF
BALCONIES

5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".
EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY * LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

REVISIONS

Aug 10th, 2022

CUSTOM HOME FOR:

DARBY RESIDENCE

COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

SHEET NUMBER

S.3
OF 4 SHEETS

AR0007005

8" PRECAST & PRESTRESSED U-LINTELS

GRAVITY				GRAVITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
MARK	LENGTH	TYPE	5/8	3/4	1"	1 1/4	1 1/2	2"	2 1/2	3"	3 1/2	4"	4 1/2	5"	5 1/2	6"	6 1/2	7"	7 1/2	8"	8 1/2	9"	9 1/2	10"	10 1/2	11"	11 1/2	12"	12 1/2	13"	13 1/2	14"	14 1/2	15"	15 1/2	16"	16 1/2	17"	17 1/2	18"	18 1/2	19"	19 1/2	20"	20 1/2	21"	21 1/2	22"	22 1/2	23"	23 1/2	24"	24 1/2	25"	25 1/2	26"	26 1/2	27"	27 1/2	28"	28 1/2	29"	29 1/2	30"	30 1/2	31"	31 1/2	32"	32 1/2	33"	33 1/2	34"	34 1/2	35"	35 1/2	36"	36 1/2	37"	37 1/2	38"	38 1/2	39"	39 1/2	40"	40 1/2	41"	41 1/2	42"	42 1/2	43"	43 1/2	44"	44 1/2	45"	45 1/2	46"	46 1/2	47"	47 1/2	48"	48 1/2	49"	49 1/2	50"	50 1/2	51"	51 1/2	52"	52 1/2	53"	53 1/2	54"	54 1/2	55"	55 1/2	56"	56 1/2	57"	57 1/2	58"	58 1/2	59"	59 1/2	60"	60 1/2	61"	61 1/2	62"	62 1/2	63"	63 1/2	64"	64 1/2	65"	65 1/2	66"	66 1/2	67"	67 1/2	68"	68 1/2	69"	69 1/2	70"	70 1/2	71"	71 1/2	72"	72 1/2	73"	73 1/2	74"	74 1/2	75"	75 1/2	76"	76 1/2	77"	77 1/2	78"	78 1/2	79"	79 1/2	80"	80 1/2	81"	81 1/2	82"	82 1/2	83"	83 1/2	84"	84 1/2	85"	85 1/2	86"	86 1/2	87"	87 1/2	88"	88 1/2	89"	89 1/2	90"	90 1/2	91"	91 1/2	92"	92 1/2	93"	93 1/2	94"	94 1/2	95"	95 1/2	96"	96 1/2	97"	97 1/2	98"	98 1/2	99"	99 1/2	100"	100 1/2	101"	101 1/2	102"	102 1/2	103"	103 1/2	104"	104 1/2	105"	105 1/2	106"	106 1/2	107"	107 1/2	108"	108 1/2	109"	109 1/2	110"	110 1/2	111"	111 1/2	112"	112 1/2	113"	113 1/2	114"	114 1/2	115"	115 1/2	116"	116 1/2	117"	117 1/2	118"	118 1/2	119"	119 1/2	120"	120 1/2	121"	121 1/2	122"	122 1/2	123"	123 1/2	124"	124 1/2	125"	125 1/2	126"	126 1/2	127"	127 1/2	128"	128 1/2	129"	129 1/2	130"	130 1/2	131"	131 1/2	132"	132 1/2	133"	133 1/2	134"	134 1/2	135"	135 1/2	136"	136 1/2	137"	137 1/2	138"	138 1/2	139"	139 1/2	140"	140 1/2	141"	141 1/2	142"	142 1/2	143"	143 1/2	144"	144 1/2	145"	145 1/2	146"	146 1/2	147"	147 1/2	148"	148 1/2	149"	149 1/2	150"	150 1/2	151"	151 1/2	152"	152 1/2	153"	153 1/2	154"	154 1/2	155"	155 1/2	156"	156 1/2	157"	157 1/2	158"	158 1/2	159"	159 1/2	160"	160 1/2	161"	161 1/2	162"	162 1/2	163"	163 1/2	164"	164 1/2	165"	165 1/2	166"	166 1/2	167"	167 1/2	168"	168 1/2	169"	169 1/2	170"	170 1/2	171"	171 1/2	172"	172 1/2	173"	173 1/2	174"	174 1/2	175"	175 1/2	176"	176 1/2	177"	177 1/2	178"	178 1/2	179"	179 1/2	180"	180 1/2	181"	181 1/2	182"	182 1/2	183"	183 1/2	184"	184 1/2	185"	185 1/2	186"	186 1/2	187"	187 1/2	188"	188 1/2	189"	189 1/2	190"	190 1/2	191"	191 1/2	192"	192 1/2	193"	193 1/2	194"	194 1/2	195"	195 1/2	196"	196 1/2	197"	197 1/2	198"	198 1/2	199"	199 1/2	200"	200 1/2	201"	201 1/2	202"	202 1/2	203"	203 1/2	204"	204 1/2	205"	205 1/2	206"	206 1/2	207"	207 1/2	208"	208 1/2	209"	209 1/2	210"	210 1/2	211"	211 1/2	212"	212 1/2	213"	213 1/2	214"	214 1/2	215"	215 1/2	216"	216 1/2	217"	217 1/2	218"	218 1/2	219"	219 1/2	220"	220 1/2	221"	221 1/2	222"	222 1/2	223"	223 1/2	224"	224 1/2	225"	225 1/2	226"	226 1/2	227"	227 1/2	228"	228 1/2	229"	229 1/2	230"	230 1/2	231"	231 1/2	232"	232 1/2	233"	233 1/2	234"	234 1/2	235"	235 1/2	236"	236 1/2	237"	237 1/2	238"	238 1/2	239"	239 1/2	240"	240 1/2	241"	241 1/2	242"	242 1/2	243"	243 1/2	244"	244 1/2	245"	245 1/2	246"	246 1/2	247"	247 1/2	248"	248 1/2	249"	249 1/2	250"	250 1/2	251"	251 1/2	252"	252 1/2	253"	253 1/2	254"	254 1/2	255"	255 1/2	256"	256 1/2	257"	257 1/2	258"	258 1/2	259"	259 1/2	260"	260 1/2	261"	261 1/2	262"	262 1/2	263"	263 1/2	264"	264 1/2	265"	265 1/2	266"	266 1/2	267"	267 1/2	268"	268 1/2	269"	269 1/2	270"	270 1/2	271"	271 1/2	272"	272 1/2	273"	273 1/2	274"	274 1/2	275"	275 1/2	276"	276 1/2	277"	277 1/2	278"	278 1/2	279"	279 1/2	280"	280 1/2	281"	281 1/2	282"	282 1/2	283"	283 1/2	284"	284 1/2	285"	285 1/2	286"	286 1/2	287"	287 1/2	288"	288 1/2	289"	289 1/2	290"	290 1/2	291"	291 1/2	292"	292 1/2	293"	293 1/2	294"	294 1/2	295"	295 1/2	296"	296 1/2	297"	297 1/2	298"	298 1/2	299"	299 1/2	300"	300 1/2	301"	301 1/2	302"	302 1/2	303"	303 1/2	304"	304 1/2	305"	305 1/2	306"	306 1/2	307"	307 1/2	308"	308 1/2	309"	309 1/2	310"	310 1/2	311"	311 1/2	312"	312 1/2	313"	313 1/2	314"	314 1/2	315"	315 1/2	316"	316 1/2	317"	317 1/2	318"	318 1/2	319"	319 1/2	320"	320 1/2	321"	321 1/2	322"	322 1/2	323"	323 1/2	324"	324 1/2	325"	325 1/2	326"	326 1/2	327"	327 1/2	328"	328 1/2	329"	329 1/2	330"	330 1/2	331"	331 1/2	332"	332 1/2	333"	333 1/2	334"	334 1/2	335"	335 1/2	336"	336 1/2	337"	337 1/2	338"	338 1/2	339"	339 1/2	340"	340 1/2	341"	341 1/2	342"	342 1/2	343"	343 1/2	344"	344 1/2	345"	345 1/2	346"	346 1/2	347"	347 1/2	348"	348 1/2	349"	349 1/2	350"	350 1/2	351"	351 1/2	352"	352 1/2	353"	353 1/2	354"	354 1/2	355"	355 1/2	356"	356 1/2	357"	357 1/2	358"	358 1/2	359"	359 1/2	360"	360 1/2	361"	361 1/2	362"	362 1/2	363"	363 1/2	364"	364 1/2	365"	365 1/2	366"	366 1/2	367"	367 1/2	368"	368 1/2	369"	369 1/2	370"	370 1/2	371"	371 1/2	372"	372 1/2	373"	373 1/2	374"	374 1/2	375"	375 1/2	376"	376 1/2	377"	377 1/2	378"	378 1/2	379"	379 1/2	380"	380 1/2	381"	381 1/2	382"	382 1/2	383"	383 1/2	384"	384 1/2	385"	385 1/2	386"	386 1/2	387"	387 1/2	388"	388 1/2	389"	389 1/2	390"	390 1/2	391"	391 1/2	392"	392 1/2	393"	393 1/2	394"	394 1/2	395"	395 1/2	396"	396 1/2	397"	397 1/2	398"	398 1/2	399"	399 1/2	400"	400 1/2	401"	401 1/2	402"	402 1/2	403"	403 1/2	404"	404 1/2	405"	405 1/2	406"	406 1/2	407"	407 1/2	408"	408 1/2	409"	409 1/2	410"	410 1/2	411"	411 1/2	412"	412 1/2	413"	413 1/2	414"	414 1/2	415"	415 1/2	416"	416 1/2	417"	417 1/2	418"	418 1/2	419"	419 1/2	420"	420 1/2	421"	421 1/2	422"	422 1/2	423"	423 1/2	424"	424 1/2	425"	425 1/2	426"	426 1/2	427"	427 1/2	428"	428 1/2	429"	429 1/2	430"	430 1/2	431"	431 1/2	432"	432 1/2	433"	433 1/2	434"	434 1/2	435"	435 1/2	436"	436 1/2	437"	437 1/2	438"	438 1/2	439"	439 1/2	440"	440 1/2	441"	441 1/2	442"	442 1/2	443"	443 1/2	444"	444 1/2	445"	445 1/2	446"	446 1/2	447"	447 1/2	448"	448 1/2	449"	449 1/2	450"	450 1/2	451"	451 1/2	452"	452 1/2	453"	453 1/2	454"	454 1/2	455"	455 1/2	456"	456 1/2	457"	457 1/2	458"	458 1/2	459"	459 1/2	460"	460 1/2	461"	461 1/2	462"	462 1/2	463"	463 1/2	464"	464 1/2	465"	465 1/2	466"	466 1/2	467"	467 1/2	468"	468 1/2	469"	469 1/2	470"	470 1/2	471"	471 1/2	472"	472 1/2	473"	473 1/2	474"	474 1/2	475"	475 1/2	476"	476 1/2	477"	477 1/2	478"	478 1/2	479"	479 1/2	480"	480 1/2	481"	481 1/2	482"	482 1/2	483"	483 1/2	484"	484 1/2	485"	485 1/2	486"	486 1/2	487"	487 1/2	488"	488 1/2	489"	489 1/2	490"	490 1/2	491"	491 1/2	492"	492 1/2	493"	493 1/2	494"	494 1/2	495"	495 1/2	496"	496 1/2	497"	497 1/2	498"	498 1/2	499"	499 1/2	500"	500 1/2	501"	501 1/2	502"	502 1/2	503"	503 1/2	504"	504 1/2	505"	505 1/2	506"	506 1/2	507"	507 1/2	508"	508 1/2	509"	509 1/2	510"	510 1/2	511"	511 1/2	512"	512 1/2	513"	513 1/2	514"	514 1/2	515"	515 1/2	516"	516 1/2	517"	517 1/2	518"	518 1/2	519"	519 1/2	520"	520 1/2	521"	521 1/2	522"	522 1/2	523"	523 1/2	524"	524 1/2	525"	525 1/2	526"	526 1/2	527"	527 1/2	528"	528 1/2	529"	529 1/2	530"	530 1/2	531"	531 1/2	532"	532 1/2	533"	533 1/2	534"	534 1/2	535"	535 1/2	536"	536 1/2	537"	537 1/2	538"	538 1/2	539"	539 1/2	540"	540 1/2	541"	541 1/2	542"	542 1/2	543"	543 1/2	544"	544 1/2	545"	545 1/2	546"	546 1/2	547"	547 1/2	548"	548 1/2	549"	549 1/2	550"	550 1/2	551"	551 1/2	552"	552 1/2	553"	553 1/2	554"	554 1/2	555"	555 1/2	556"	556 1/2	557"	557 1/2	558"	558 1/2	559"	559 1/2	560"	560 1/2	561"	561 1/2	562"	562 1/2	563"	563 1/2	564"	564 1/2	565"	565 1/2	566"	566 1/2	567"	567 1/2	568"	568 1/2	569"	569 1/2	570"	570 1/2	571"	571 1/2	572"	572 1/2	573"	573 1/2	574"	574 1/2	575"	575 1/2	576"	576 1/2	577"	577 1/2	578"	578 1/2	579"	579 1/2	580"	580 1/2	581"	581 1/2	582"	582 1/2	583"	583 1/2	584"	584 1/2	585"	585 1/2	586"	586 1/2	587"	587 1/2	588"	588 1/2	589"	589 1/2	590"	590 1/2	591"	591 1/2	592"	592 1/2	593"	593 1/2	594"	594 1/2	595"	595 1/2	596"	596 1/2	597"	597 1/2	598"	598 1/2	599"	599 1/2	600"	600 1/2	601"	601 1/2	602"	602 1/2	603"	603 1/2	604"	604 1/2	605"	605 1/2	606"	606 1/2	607"	607 1/2	608"	608 1/2	609"	609 1/2	610"	610 1/2	611"	611 1/2	612"	612 1/2	613"	613 1/2	614"	614 1/2	615"	615 1/2	616"	616 1/2	617"	617 1/2	618"	618 1/2	619"	619 1/2	620"	620 1/2	621"	621 1/2	622"	622 1/2	623"	623 1/2	624"	624 1/2	625"	625 1/2	626"	626 1/2	627

GENERAL BEAM SCHEDULE NOTE:

1. SCHEDULED HOOPS OR STIRRUPS SHALL BE PLACED AT EACH END OF BEAM UNLESS NOTED OTHERWISE. STIRRUPS SHALL BE TYPE S-41 HOOK END BEAM SHAPE TYPE T-2 TYPICAL CRS1 BAR BENDS UNLESS NOTED OTHERWISE.
2. BUNDLE ALL STRUCTURAL BEAM TOP BARS IN PAIRS OVER SUPPORTS WITH TOP BARS FROM ADJACENT BEAMS.
3. ALL CONCRETE BEAMS OTHER THAN THOSE WITH THE PREFIX TB SHALL BE POURED PRIOR TO PLACING OF BLOCK BELOW.
4. ALL THE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH THE BEAMS ONLY. ALL SPLICES SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
5. ALL THE BEAM TOP REINFORCING SHALL EXTEND INTO SPAN OF ANY ADJACENT STRUCTURAL BEAM AS PER BENDING DIAGRAM.
6. DROP BOTTOM OF THE BEAMS AS REQUIRED AT WINDOW AND DOOR HEADS (2" MAXIMUM) AND ADD 2" BOTTOM IF DROP EXCEEDS 8".
7. THE BEAM SCHEDULED DEPTHS ARE MINIMUM AND MAY BE INCREASED (8" MAXIMUM) TO FIT BLOCK WORK.
8. ALL ADDED LONGITUDINAL BEAM REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO SUPPORT UNLESS NOTED OTHERWISE.
9. MARK "C" IN REINFORCING COLUMN BETWEEN TWO BEAMS INDICATES THAT REINFORCING SHALL BE CONTINUOUS THROUGH THESE TWO BEAMS.

SCALE: NONE
WOOD BEAM TO MASONRY

20"

FOOTINGS, AS SCHEDULED - SEE A.4

8" x 16" CMU, RUNNING BOND

PROVIDE #5 REBAR DOVELLS WITH STANDARD ACI HOOK, TO EXTEND ABOVE TOP OF FOOTING A MIN. OF 40 BAR DIAMETERS FOR LAP SPlice TO WALL REINFORCING

#3 REBAR CROSS TIE AT 48" O.C.

PROVIDE ELL TIE BAR, TO EXTEND A MINIMUM OF 48" ALONG THE O/S REBAR, AS SHOWN

EXTEND FOOTING REINFG TO ADJACENT FOOTINGS, AS SHOWN

20"

FOOTINGS, AS SCHEDULED - SEE A.4

8" X 16" CMU, RUNNING BOND

1 #5 REBAR, VERTICAL - GROUTED IN BLOCK CELL W/ 3000 PSI PUMP-MIX CONCRETE, MAX DROP 6" AT A MAX. OF 48" O.C., AT CORNERS & ADJ. TO OPENINGS

NOTE:
PROVIDE #5 REBAR DOWELS WITH STANDARD ACI HOOK, TO EXTEND ABOVE TOP OF FOOTING A MIN. OF 40 BAR DIAMETERS FOR LAP OR LACE REINFORCING

4'-0" MAXIMUM

4'-0" MAXIMUM

SCALE: 1/2" = 1'-0"

△

SCALE: NONE

SCALE: 1/2" = 1'-0"

NOTE:
REFER TO GENERAL NOTES FOR LAP SPlice AND HOOK
MINIMUM LENGTH/SIZE - ALL PER ACI 318-LATEST

NOTE!
ALL BLOCK CELLS CONTAINING VERTICAL REINFORCING, SHALL
BE SOLIDLY FILLED WITH CONCRETE - SEE GENERAL NOTES

SCALE: $1/2'' = 1'-0''$

NOTE!
REFER TO GENERAL NOTES FOR LAP SPlice AND HOOK
MINIMUM LENGTH/Size - ALL PER ACI 318-LATEST